

10/535433

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PATENT
1009-0118PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: FRIGERIO, Lorenzo et al.
Appl. No.: NEW Group:
Filed: May 18, 2005 Examiner:
For: ANTIBODIES

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 18, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. ☒ Copies of cited U.S. patents and patent application publications are not included. Copies of foreign patent documents and non-patent literature are included.
- b. ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

Docket No. 1009-0118PUS1

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Leonard R. Svensson, #30,330

LRS/lmt
1009-0118PUS1

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Attachment(s): ☒ Form PTO-1449(s)
☒ Documents
☐ Foreign Search Report
☐ Fee
☐ Other: _____

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY. DOCKET NO. 1009-0118PUS1 APPLICATION NO. NEW 10/535433 APPLICANT FRIGERIO, Lorenzo et al. FILING DATE May 18, 2005 GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 6,417,429	B1	2002-07-09	Hein et al.			
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
WO	99/66026	A3	1999-12-23	PCT				
WO	97/42313	A1	1997-11-13	PCT				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Schouten, A. et al. (1996), Plant Molecular Biology, Vol. 30, pp. 781-793
	Robinson, E.A. et al. (1979), The Journal of Biological Chemistry, Vol. 254, No. 22, pp. 11418-11430
	Vitale, A. et al. (1992), Bioessays, Vol. 14, No. 3, pp. 151-160
	Frigerio, L. et al. (2000), Plant Physiology, Vol. 123, pp. 1483-1493

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Matsuoka, K. et al. (1999), Journal of Experimental Botany, Vol. 50, No. 331, pp. 165-174		
	Tabe, L.M. et al. (1995), J. Anim. Sci., Vol. 73, pp. 2752-2759		
	Hadlington, J.L. et al. (2003), Molecular Biology of the Cell., Vol. 14, pp. 2592-2602		
	Ko, K. et al. (2003), PNAS, Vol. 100, No. 13, pp. 8013-8018		
	Daniell, H, et al. (2001), Trends Plant Sci., Vol. 6, pages 219-226.		
	Ma, JK-C, et al. (1995), Science, Vol. 268, pages 716-719.		
	Matsuoka, K, Nakamura, K. (1999), Plant Mol. Biol., Vol 41, pages 825-835		
	Vitale, A, Raikhel, NV. (1999), Trends Plant Sci., Vol. 4, pages 149-155		
	Ma, JK-C, et al. (1994), Eur. J. Immunol., Vol. 24, pages 131-138		
	Tabe, L, Higgins, TJV. (1998), Trends Plant Sci., Vol. 3, pages 282-286		
	Mestecky, J, McGhee, J. (1987), Adv. Immunol., Vol. 40, pages 153-245		
	Tormakangas, K, et al. (2001), Plant Cell, Vol. 13, pages 2021-2032		
	Phillipson, BA, et al. (2001), Plant Cell, Vol 13, pages 2005-2020		
	Frigerio, L, et al. (1998), Plant Cell, Vol. 10, pages 1031-1042		
	Frigerio, L, et al. (1998), J. Biol. Chem., Vol. 273, pages 14194-14199		
	Denecke, J, et al. (1992), EMBO J., Vol. 11, pages 2345-2355		
	Leitzgen, K, et al. (1997), J. Biol. Chem., Vol. 272, pages 3117-3123		
	Frigerio, L, et al. (2001), Plant Cell, Vol. 13, pages 1109-1126		
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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1009-0118PUS1

APPLICATION NO.
107535433

APPLICANT

FRIGERIO, Lorenzo et al.

FILING DATE

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OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Vitale, A, Chrispeels, MJ (1984), J. Cell Biol., Vol. 99, pages 133-140

Mattu, TS, et al. (1998), J. Biol. Chem., Vol. 273, pages 2260-2272

Crofts, AJ, et al. (1999), Plant Cell, Vol. 11, pages 2233-2247

Denecke, J, et al. (1990), Plant Cell, Vol. 2, pages 51-59

Borisjuk, NV, et al. (1999), Nat. Biotechnol., Vol. 17, pages 466-469

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